



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Minerals Inspection Report

Reviewed

PTB/B

Report Date: 07/02/2014

Mine Name: Topaz	Permit Number: M/023/0003	Mine Status: Active
Operator Name: Materion Natural Resources	Inspection Date: 06/26/2014	Permit Fees: Paid
Inspector(s): Wayne Western	Inspection Time: 9:00 - 10:15 am	Bond Amount: \$1,398,000
Attendee(s): Rob Dalton	Weather: overcast mild	Bond Escalation: 12/01/2016
Inspection Purpose: Routine inspection		Prior Inspection: 05/16/2013

Conclusions and Recommendations

Although this was a routine inspection, the Operator did request that the inspection include an examination of the Monitor Phase 1 dump top area. The reason for that request was that Operator wants to apply for Phase One bond release on the site. The Operator was informed to submit a bond release application and to include a map showing the different areas that had partial or full bond release.

Elements of Inspection	Evaluated & Commented	Enforcement
1. Permits, Revisions, Transfer, Bonds Bond and permit fees are current	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls) A public road does go through part of the mine site. The Operator posted warning signs and no trespassing signs. There are highwalls that are part of the active mining operation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages/Erosion Control The area receives under 5 inches of rain per year. There were no signs of erosion on site.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material All trash was stored in designated areas.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety) Roads were maintained and water trucks were actively spray to control dust.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Reclamation The Monitor Phase 1 dump top area had be backfilled and graded last year. The site met the minimum standards for reclamation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts)	<input type="checkbox"/>	<input type="checkbox"/>
8. Soils	<input type="checkbox"/>	<input type="checkbox"/>
9. Revegetation There was some vegetation on the Monitor Phase 1 dump top area.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Other	<input type="checkbox"/>	<input type="checkbox"/>

Inspector's Signature: _____

CC:

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Reclaimed area looking west. Notice some plants has started to grow.



Reclaimed area looking west



Reclaimed area east side



Reclaimed area east side